ABSTRACT

The present invention relates to a process for producing an alkoxy-(tetrazol-1-yl)benzaldehyde compound represented by Formula (2):

5

$$\begin{array}{ccc}
A_1 & N = N \\
N & N
\end{array}$$

$$\begin{array}{ccc}
A_2 & (2)
\end{array}$$

$$\begin{array}{ccc}
CHO
\end{array}$$

wherein A^1 is an alkoxy group, and A^2 is a hydrogen atom, alkyl group or fluorine-substituted alkyl group, the process comprising reacting a 1-(alkoxyphenyl)-1*H*-tetrazole compound represented by Formula (1):

15

$$A^{1} \stackrel{N=N}{\longrightarrow} A^{2}$$
 (1)

wherein A¹ and A² are as defined above, with hexamethylenetetramine in a sulfonic acid solvent, followed by hydrolysis. According to the present invention, an alkoxy—(tetrazol-1-yl)benzaldehyde compound can be safely and efficiently produced by formylating a 1-(alkoxyphenyl)-1H-tetrazole compound.